

Title (en)
ARRAY ANTENNA

Title (de)
GRUPPENANTENNE

Title (fr)
RÉSEAU D'ANTENNES

Publication
EP 3479437 B1 20240403 (EN)

Application
EP 17735041 A 20170626

Priority
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Abstract (en)
[origin: WO2018001921A1] Disclosed is an antenna, in particular array antenna. The antenna includes an antenna top surface (1a) and an antenna bottom surface (1b). The antenna further includes a waveguide channel structure with a plurality of waveguide end branches (111). Each waveguide end branch (111) opens into an associated waveguide opening (100) in the antenna top surface (1a) in a one-to-one relation, wherein the waveguide openings (100) are arranged in a pattern of rows and columns. A plurality of recesses (101) extends from the antenna top surface (1a) towards the antenna bottom surface (1b), the plurality of recesses (101, 101b) being arranged such that a recess (101b) is present between pairs of neighboring waveguide openings (100) of the same row and/or column.

IPC 8 full level
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